

Weatherspoon Management Consulting
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Descriptive title of the invention

The Weatherspoon Humidity Modifier System

My invention is a system of networked humidity modifiers that has the capability of dispensing aerosols abruptly and acutely. This creates a cloud of moist that suppression or extinguishes fire. My hypothesis is a door use. The Weatherspoon Humidity Modifier System is a revolutionary brake though in firefighting technology.

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My Invention came to me in the form of a dream after a visit to southern California. While on my visit another part of California was experiencing a severe wildfire. The new broadcast devastated me. I really felt the pain of the victims. I told my wife I like California, but I couldn't live with the possibility my house and everything go up in smoke from wildfires. The coverage of wildfire lasted for over a week. Then one day the weather man say, because the relative humidity increase on a cloudy day the firefighters got control of the fire. I have to say the least relived. The next week we flew back home to Richmond Va. I thought nothing else of the wildfire, until one night God to spoken me in my dream. It seems if he was right in the room with me. He told me to use hundreds or even thousand of humidifiers around the areas to be protected. He said get the water from nearby reservoirs or truck the water in. The humidifiers are to line the parameter in between the low elevation of hillsides and valleys. He said to use the canyons to bottle the moist in semi-sable environment. He said this would block the fire from populated areas. The systems are to be powered my batteries and recharged my solar-energy. The system must put out large amounts of moist range in size of 10um to 36um in high concentration until the fire stop. The Humidifiers are to be monitor radio frequency or satellite transmission. The told me how to use the terrain to break the fire up, so we could put it out.

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My invention is unique in concept; however NASA in conjunction with the Colorado School of Mines did (Studies of flames propagation on water-mist laden gas mixtures in microgravity) found that high concentration of aerosolized water do indeed suppression flames. I known this concept, alone with my hypothesis can reduce damage caused by wildfire. It will save lives and save billions of dollars. The Weatherspoon Humidity Modifier System will start new technology and industry for our country.

Date 10/11/2002

My hypothesis for modifying relative humidity,
for the propose of fighting forest fires and brush fires.

By Gary Weatherspoon

I believe I can show through basic physics laws of gases that an increase in absolute humidity and or potential humidity in a semi-close area can produce enough moisture (Relative Humidity) in the air to slow down the movement or the production of fire in the affected areas. My research will prove that by creating a device that will dispense molecular water in the air with small droplet sizes that remains buoyant we can fight fires. This cloud- like water vapors will produce an environment that isn't conducive to the spread of forest or bush fires. Although, I know this will not extinguish the fire, my device aids in decreasing the time recurred for putting the fire out. This matter of fire fight has never been tried. However, proven to be possible this could change the way firefighters fight forest and brush fires. It could save lives and property all over the world.

I will call it the Weatherspoon's Humidity Modifier. This device *strategically placed apart* and *releasing water vapor* in the air at a *rate fast* enough to become an atmospheric barrier between fire and unburned forest and bush. The suspended water vapors change the character of the fire's voraciousness and movement, and also allow dry forest and bush to hold moisture retarding the spread of fire. Along with conventional firefighting technology my invention end results are less lose of lives and properties.

Example:

By placing large numbers of humidifiers in a semi- close area (hillsides, canyons or valleys) we can add enough water vapors at constant temperature which will increase the Relative Humidity in that area. An environment like this would inhibit fire production in that area. We could use this technology to trap forest and bush fires in an enclosed water vapor, therefore enable firefighters to put the fire out quickly. This technology could be used to protect residential areas and wild life conservations. The systems would have to produce molecular sizes droplets in very large volumes; it could be stationery or portable. The water used to supply these humidifiers could come from near water sources or transported in by truck. The humidifiers their selves are systems of hundreds or ever thousands simple fans stem tubes with water reservoirs lined side by side. The humidifier can be battery powered and recharged by solar energy for remote locations.

The control device for my humidifiers can be operated by radio frequencies or satellite transmission. These humidifiers can be monitor and turn on and off at quick notice of forest or bush fires. This process in simple terms increases absolute humidity and or potential humidity in relative humidity acutely.

Sample drawing below: